

Not a release

7530-00-222-3521
FEDERAL SUPPLY SERVICE
(GPO)

This Book belongs to:

Russell Greenberg

Dept. Zoological Research

National Zoo

Washington, D.C

2008

672-4781

P.O.S.

20753

1. May clear & cool 1st birds
opening on canopy above & understory
Suplings. - leaves long out on Tulip
Trees.

700-1000

I heard to top & ground
white & blue track & green below
upper parking lot. found heard 3
WFW to SW - 1 it feed
20 times from oak leaflet clusters -
much by glang by 2-3 sideways pictures.

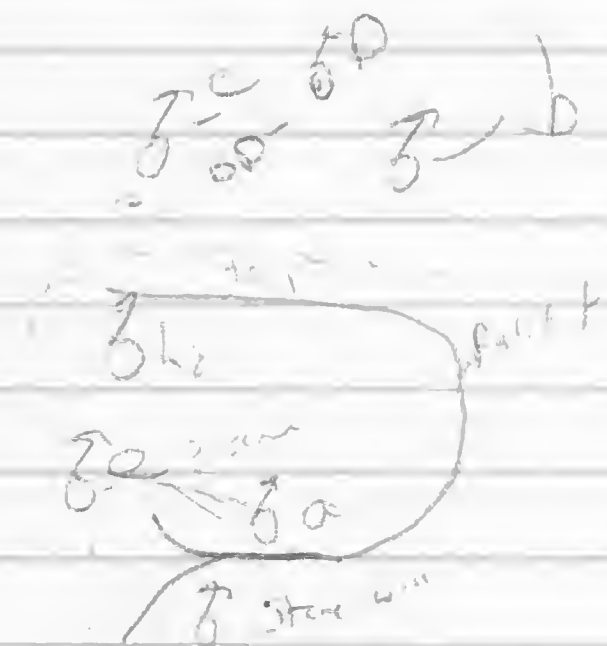
Saw flocks of YRW - hd
B+L Warbler, Saw & Ld ovenbirds &
Louisiana Waterthrush.

2 May Mostly sunny
started at bottom of hill

at the stone wall seen - hd 2 WELW
(see a chase)

10 Oak 1b glen (new trees) ✓
2 Oak 1b glen
3 Oak 1b len over
1 3' dcl perch (in structure)

found ~ 10 feet up → 30' up.



3 30-40 Oak 1b glen x 3 ✓
1b Recover x 2
1b perch bark x
5m x 1

C 30' Creek 1b glen x 1 ✓
1b len x 2
yellow, looked got small small
green p. 11m
Oak len 31 long

6-10' 4-10' low
D. 1b gl x 3, brush perch, end of perch ✓
probe glen
cricket (+)

just sing slow
change

look like perch falling in low shrub

3-4' long at last bushes x 2 ✓
3' perch last perch
2 3' same change
3 5' 1b gl x 1 ✓

at 1st perch and trail 3e 8-1b gl Oak ✓
4m - 2e

2nd ♂ in - - close
shy

2nd ♂ in - -
shy

1st ♂

Black/white tail

3- go into third house on ground - ate
black paper ✓ a q
black 1st x 2-3 term te

♂ 1st in on - then close to ground ✓
on ground

My 6 live left below P. 15 lot

shel

50

50

50

50

Local

50

50 same
house 16

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

4 in 1st 16
5 in 1st 16

3 in
1st 16
1st 16

50

50

50

50

50

50

2nd 10 PM

10/1

10/1

10/1

10/1

10/1

10/1

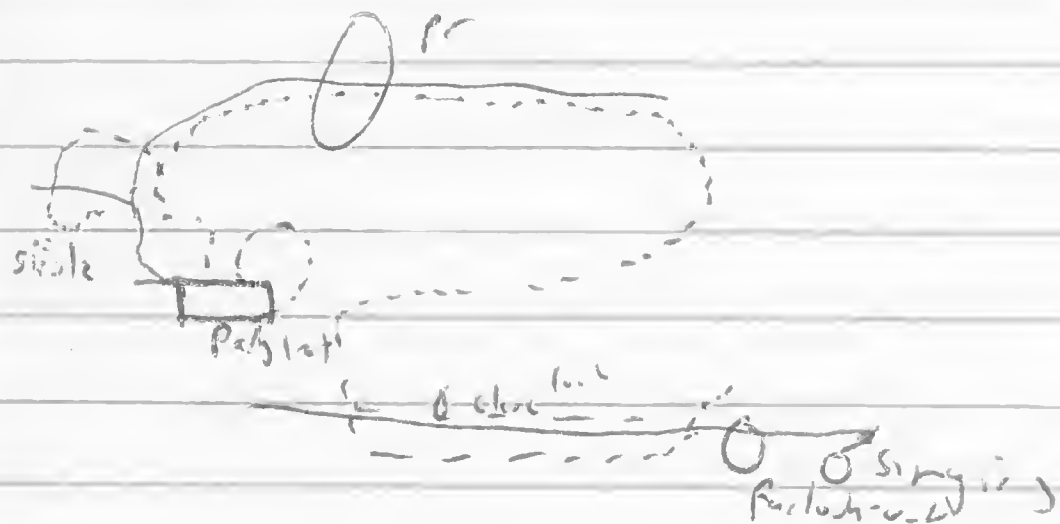
10/1

10/1

0/9

6 May 9-1300 Rainy & cloudy
 Canopy oaks & still only berries to
 let out - understory Maples & Oaks
 with 2-3" leaflets.

I covered the following route



I encountered 2 birds tapping & f
 many low through understory. ~~No~~ No
 compression so probably was a pair.
 1st bird 2 found was beating big caterpillar.
 Forss was both dead leaf & bark probing -
 no foliage glean. 0-5'

Forss had 5 Oak leaf chokers 3-4" ✓

dead leaf 1 Big Maple leaf choker 6-7" ✓

1 Small choker

2-3 branches

2nd bird 3-4 Oak leaf chokers ✓

Nothing gained - all probes (no holes -
 & no successful
 forss)

Some of the Oak leaves belonged
 to understory shrubs & weren't particularly
 curled. (dead but attacked)

Single on Horse trail 7 x Oak flower probes
 35'

♂ at Lookout 10 x 16 glean near ✓
 Oak leaf chokers 25' ✓

Collected 100 dead leaves below P-3 lit

2 May 930-130.
I checked low slope along Road

930-135.

I checked low slope along Road



for an hour or so

May have had 13 new

تاریخ: ۱۴۰۲/۰۵/۰۵

7. Then walk by B-W trail

head 4-♂



Forcing

Q. Dead leaf force $\times 10$ all back + 0.0

ins ches - chery - no

5. more shrew

(Aster-Like looking)

$11 \text{ pu (b)} \times 7 \quad \text{break-glass-pu} \times 3 \quad \checkmark$

b) But last piece (Level) ✓

also went into ~~the~~ ground level of
front 2 sheds.

$C_{H_2O} \times 7 = 0.6$ (v. small loss) ✓

end of h, back probe $\rightarrow 3$

\downarrow

very large group of fish

41.0 x 3

Level 1 - 1000 black chub x 20 ✓

$S_1(1) = 2 \oplus 0$

1. sub

$(\ln, 3)$ is a point on the curve.

Line 1000000 May 4

upper fly line

Fly

50

50 2mm black lb

50 3mm black (black) lb

50 2mm black lb

50

50 3 x 3-4mm black

light blue lb

50 3mm black black lb

50

50 1mm fly lb

50

50

50

50

50 3 x 3mm black fly lb

50 3mm fly lb

50

50

50

50

50 3mm black fly lb

50

50 3 x 3mm black fly lb

50

50 2 x 3mm black fly lb

50

50

50

Line 1

50 3mm

black fly lb

lb

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

3mm

50 1 x 3mm black fly lb

50

50 2 x 3mm black fly lb

50

50

50

50

50 3mm black fly lb

50

50 1mm black fly lb

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

Line 1

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

50

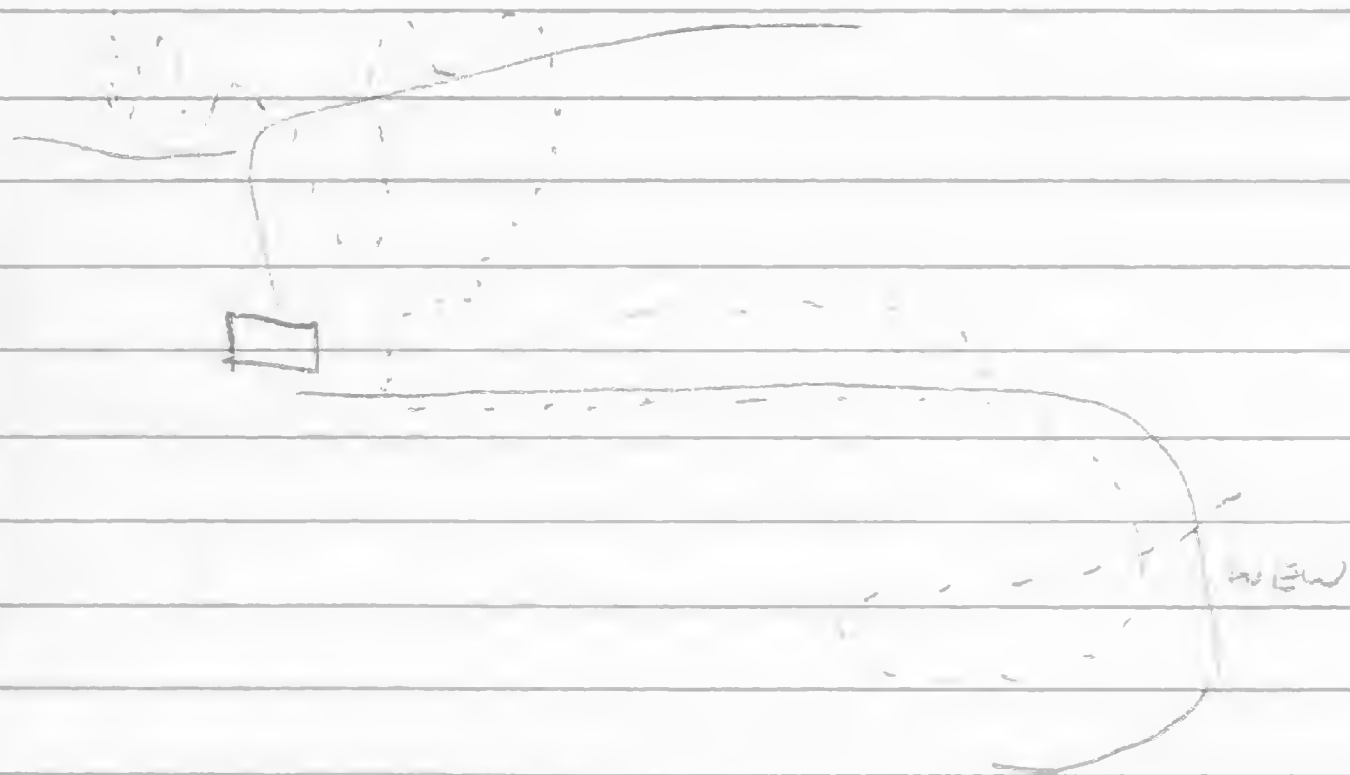
50

11 May

1030-1530

overcast &
windy

Canopy trees still have small leaves &
with cold temperature & wind so
the Mountain top felt windy - also
few birds singing & few migrants. I
Saw only 2 WEW - although I
covered large areas!



The stream was at the Circle on the
way up

Went #1 Sing for a few times. Fed low
in local on our near ground - putting into dust ✓
fed low 4-5 times.

Went #2 - 25' in oak - 10x10 all
gleam
-2
hairs
branch probe &
then flew to squirrel
nest made of dried oak leaves
it found for leaves on the
edge of the squirrel nest (PL x10)

May 5 (cove)

5 x 3mm spider

2 x 5mm spider

6 x 4mm

1 x 7mm

2.5 x 4mm Centipede (brownish)

1/10 + 2 1cm Heterotid bee



2 x 3mm spider

4 x 4mm spider

1.5 cm thin centipede

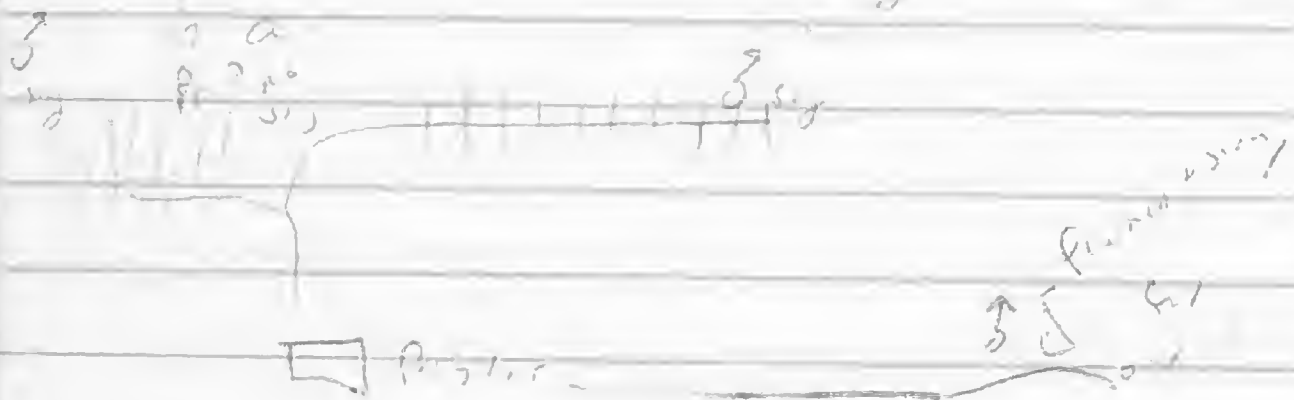
0/11 prey items

May 9 collectin

May 11 900-1400

① June, 1915 up to 1915

checked ~~all~~ lower slopes.



♂ 16.1 x 5 } same for 1, 2, 3, 4, 5

25
b) $f_k = 2$ (single line) $p(k) = 2 + (-1)^{k+1} \cdot 2^{k-1}$
Single line

4-3 Hyster. 0.2

35 - upper to mid ground in Larches

2. D.K. probe on 2. in books $\times \approx 10$

Up to 10 lbs -

g. 1 pm from 5/10 to 11/10

31 ind. to
do

d - 3 on slope near the first hole
along where first - 10 g/l in probe
under low branch below

May 11 Live insect census

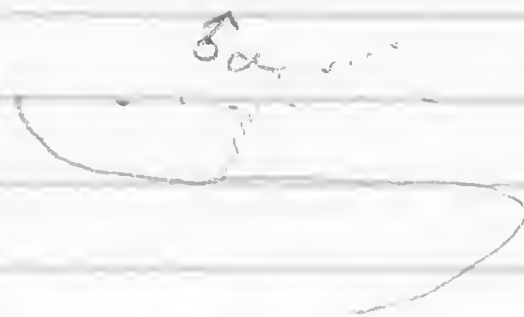
shrubs	haunts
1 →	→
2 50	50
3 50 (4mm green piller lb)	50
4 50 (2mm black lb)	50
5 50 (1mm green piller)	50
6 50 (4mm black lb)	50
6 50 (6mm green piller)	50 2x 2mm black
7 50	50
8 50 (3mm green piller lb)	50
9 50 2x 5mm	50
10 50 2mm 1mm black	50
11 50 (4mm) beetle lb	50
12 50 (2x 4mm black)	50
13 50 (5mm white lb)	50
14 50	50
15 50 (3mm black lb)	50
16 50 (6mm black piller lb)	50
17 50 (3mm black 2x 2mm black)	50
18 50 (6mm black piller lb)	50
19 50 (1mm black piller large)	50
20 50	50
21 50	50
22 50	
23 50 (6mm beetle lb)	
24 50 (1mm with black)	
25 50 (1mm piller in collection)	

5/13

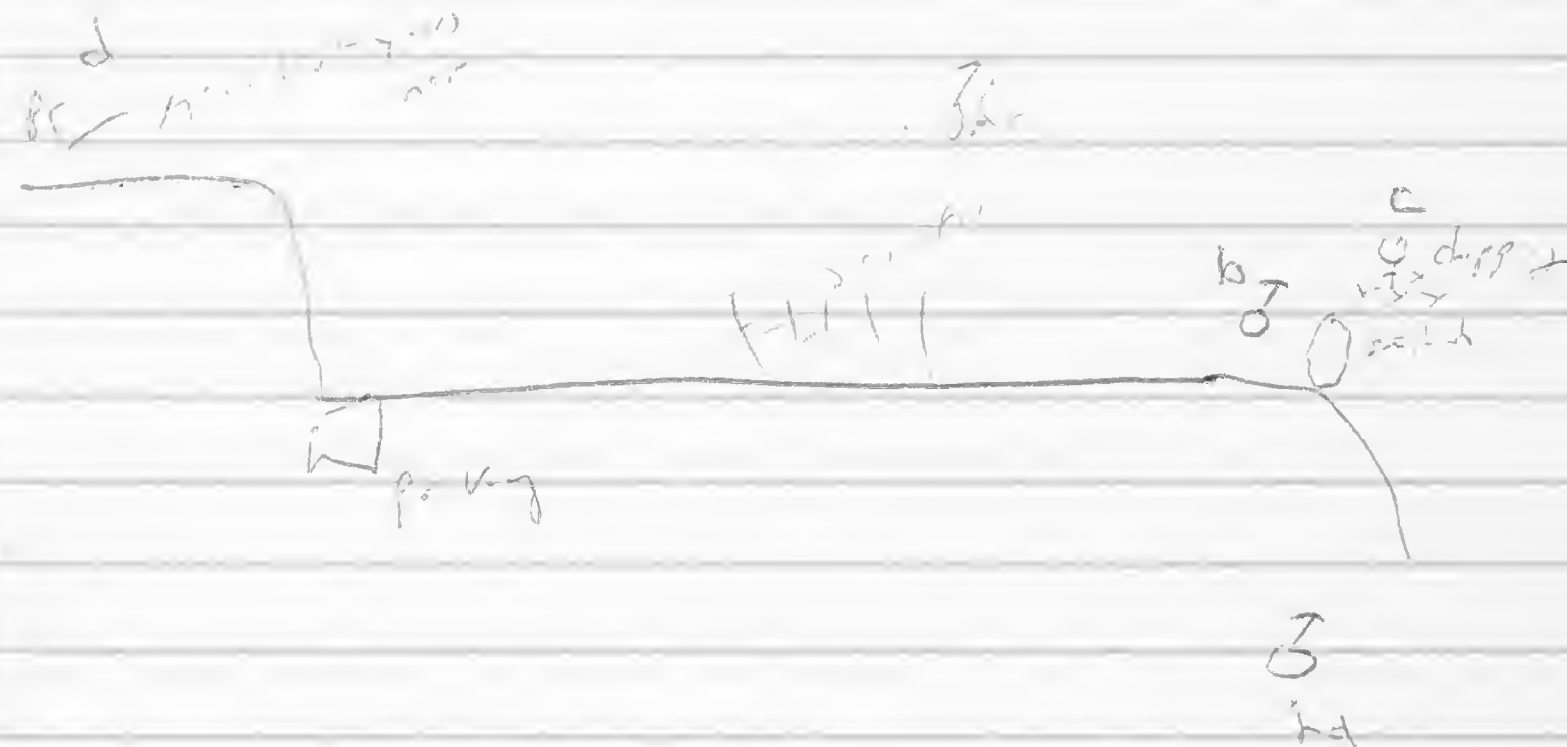
May 13 830-1230

Beautiful Day!

lower slope



a only 1 ♂ seen & 1 ♀ it probed
cave others 210 25' ✓



b - 16g/15g, 16h/15h, 2 b/g probe (16g/15g) ✓
20'

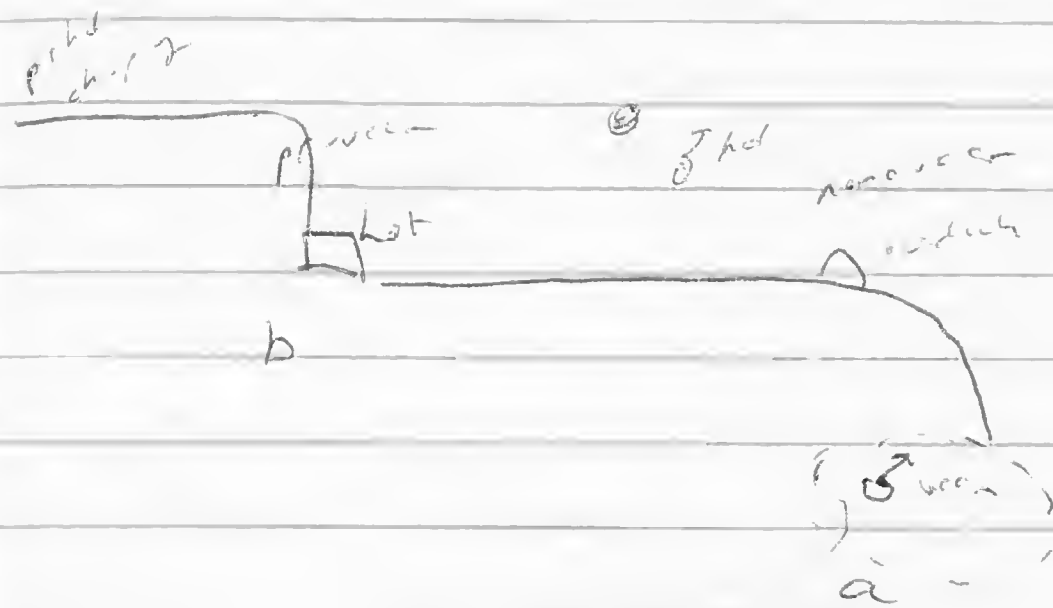
c 16g/15g, 16h/15h, 25' - 30' 16g/15g ✓
4

probably Q
 d b.k probe x 5 10'-15' ✓

Q under overhark was eating like
 crazy & chipping, as if disturbed ✓

along House Trail ♂ gave song
 I had both birds chipping a lot
 & following each other

May 14 830-1430 mostly
 cold, windy + overcast.



a bird mostly in understory - I
 saw it foraging on or near ground
 often hanging about probing into dead leaves, ✓
 in ground - b.k. probe x 2 -
 ♂ yellow bottom of small leafed plants
 (petioles) + long once - (set whip-like)
 3-4 went to low crown 1st x 5
 grabbed a lot of
 grub-like

b watched ♂RT + in for 40' - probably he
 birds low in laurel understory
 birds moved rapidly + tapped
 constantly - occasionally chipping.
 The bird picked or probed dead leaves ✓
 20-30 times (no bugs) - it scratched +
 eyed into one + set up, gave
 further squawk - 5 times

all occluded but for a small lens

it ploughed dead cold leaves on ground.
it probed both on leg and low branches
5-10 times — 0.4 lb gl x 2-3 (psu
caterpillar from roll). — peak at periods
of holes = lot.

15 May 1.20 pm Horse Past Windy + PC

(shrub) shrub

Leaf

1 50- 3mm heap 1b another 2' b

2 50 2 x 2mm gphid 1b

3 50 3 x 3mm heap 1b

4 50 3mm heap 1b

5 50 3mm heap 1b 2 x 2mm gphid 1b

6 50 12 x 3mm gphid 1b

7 50 6mm Cypripedium 1b 2mm beetle 1b

2 x 3mm-
gphid 1b

8 50 2 x 2mm gphid 1b

9 50 4 x 3mm heap (2H, 2L) 6mm Cypripedium
gphid 1b

10 50 2 x 3mm heap 1b

11 50

12 50 5 x 3mm gphid 1b 20 x 2mm gphid

13 50

14 50

15 50 2 x 2mm gphid 1b

16 50

17 50 3 x 3mm heap 1b

18 50 5 gphid 1b

19 50

20 50

21 50 3 x 3mm heap 1b

22 50

23 50

24 50

25 50

16 May 930-200

Windy & very cold

I passed slope below

Blue hill, the Peking, but a
the Blue Hill I had

2 WFW song & 3 or more



♂-bird, song

3 or 4

1111

611

17 May 930-1330

Windy & cold

I passed slope at hill - all

around area - I had no

WFW song

W's Peking, but I saw 2

♂-bird - 1 or 2 Peking song

1 with rapped - 211

bird on misty, with 1 or 2

Blue hill



Peking

Blue Hill

Level 5/15

1 50

2 50

3 50

4 50

5 50

6 50

7

8

9

10

11

12

13

14

15

16

17

18

19

20

Do not know

May 9 First sample 3

2 cm mesh (brown)

2 x 3 mm spider

1 x 6 mm spider

2/4

May 10

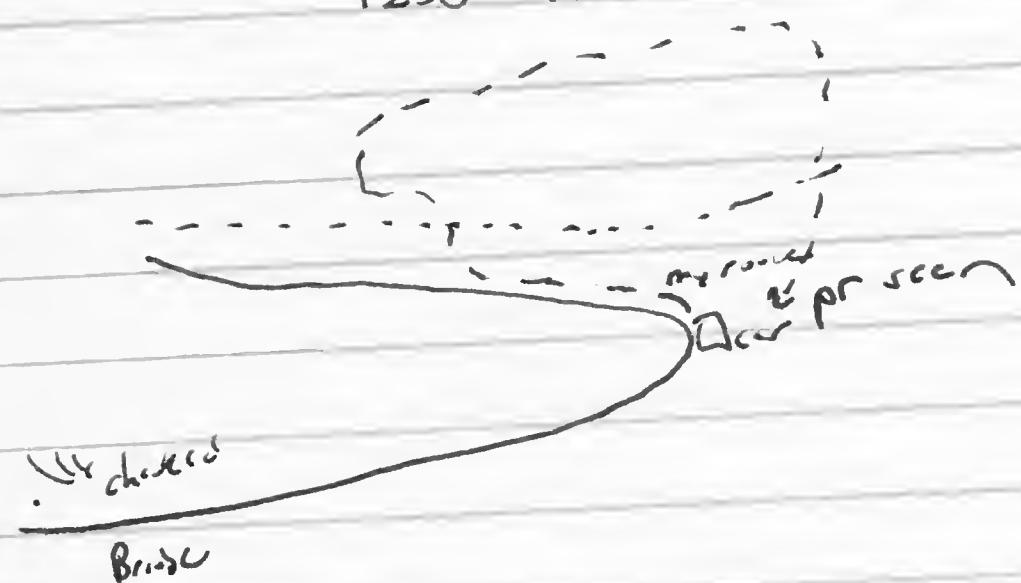
4 cm mesh

5 cm mesh

4 cm mesh

0/3

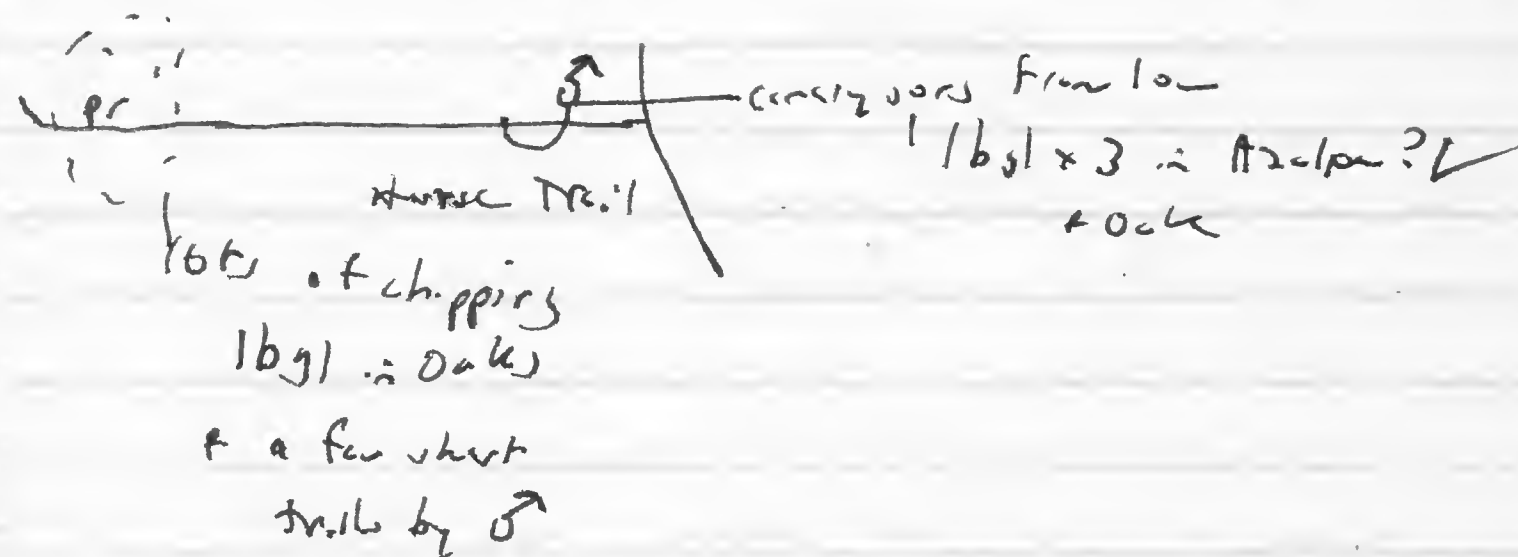
17 May Sunny moderate, light wind.
1230 - 530



Pair chipping a lot. 1 first
flashed bird from shrub - 2-3
One came in in oak canopy -
I saw bird in canopy ~ 40
minutes. but no indication of nest.

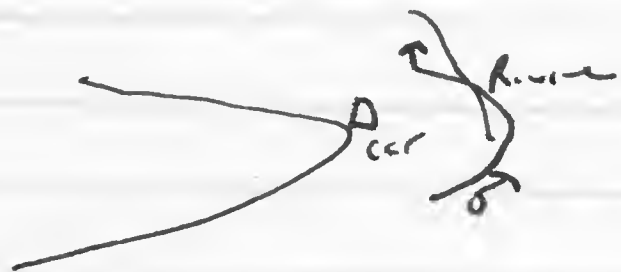
30 lb glen oak, 2 lb less (curly) ✓
5-bark probe (Oak bark)
5 lb glen Azalea > several polling
hopped on ground briefly

Then!



18 May Overcast - moderate - no wind

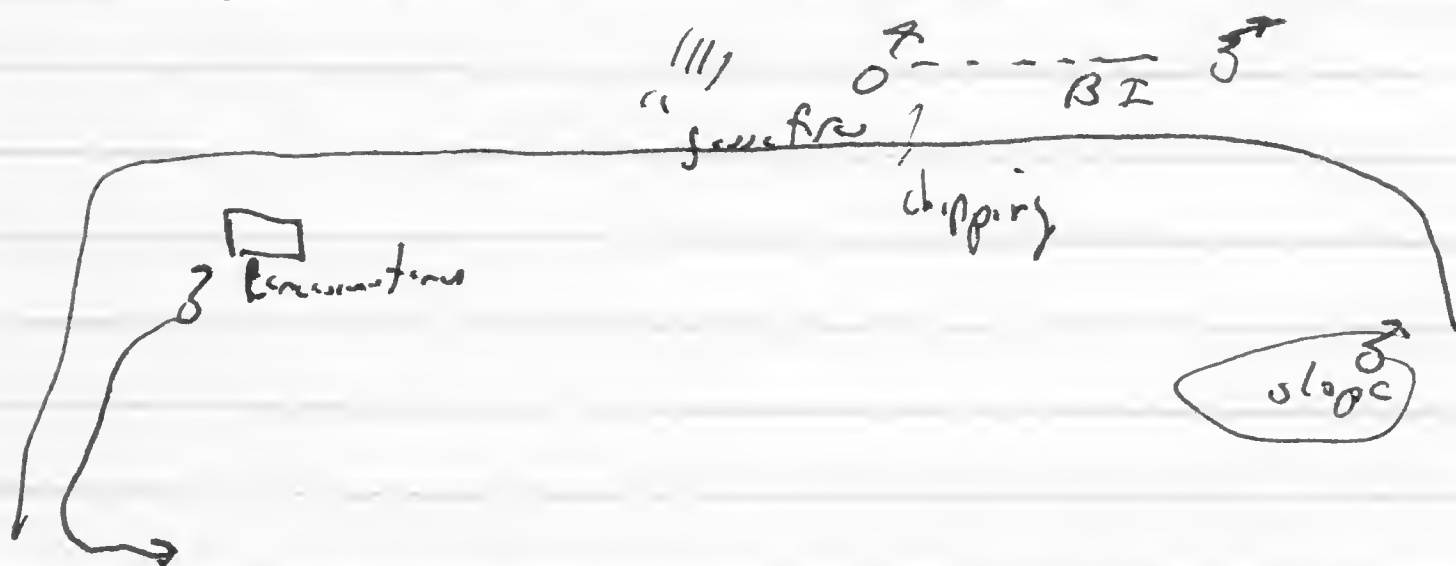
I checked first territory along road & found ♂ (strict song in oak canopy) - 20 x 16 gleam, 25' ✓
 2 x 16 hrs (later) - picked at damage - got several pillars also ✓
 bulk probe x 5



no ♀ seen

checked along white trail -

at concession stand ♂ singing 20' ✓
 Oak 16 gleam x 20 hars x 3
 Shrub 16 gleam x 10 - hopped on ground brush
 hanging on line curled leaf ♂ h1



♂ on far slope along white trail
 was singing persistently - from low
 in understory - oak 16 sl x 3 (15') ✓
 dead looking (1) - understory

I checked slope between overlook &
 down in + I had ^{early} come
 out chipping & fly towards overlook
 where I saw a chick (strict singing)
 later I had more chipping on slope
~~chipping~~

May 20 830-200

Warm + muggy - light breeze

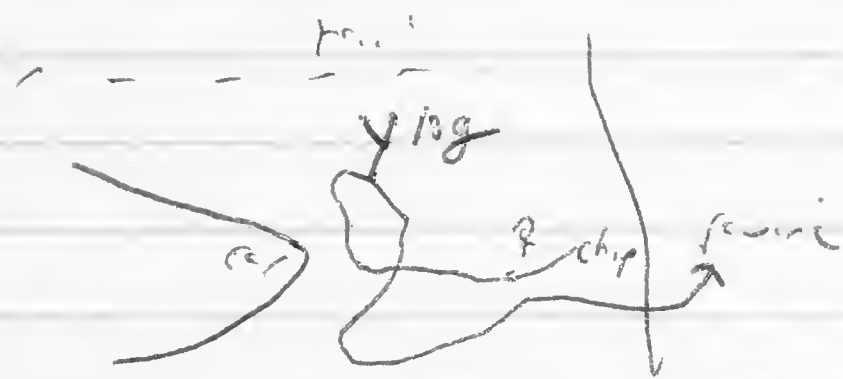
stopped at territory 1 - on
road up + scanned slope

saw ♂ + ♀ moving through
Oak canopy - ♂ occasionally gave 25'
short song + ♀ chirped loudly 35'
a lot - both birds fully engaged.
a lot

♀ - 20 + 16 gl, 2 on left and wings
+ 16 lophy x 2 - - - - ✓

♂ 20 10 hyl - at oak ✓

couldn't locate activity



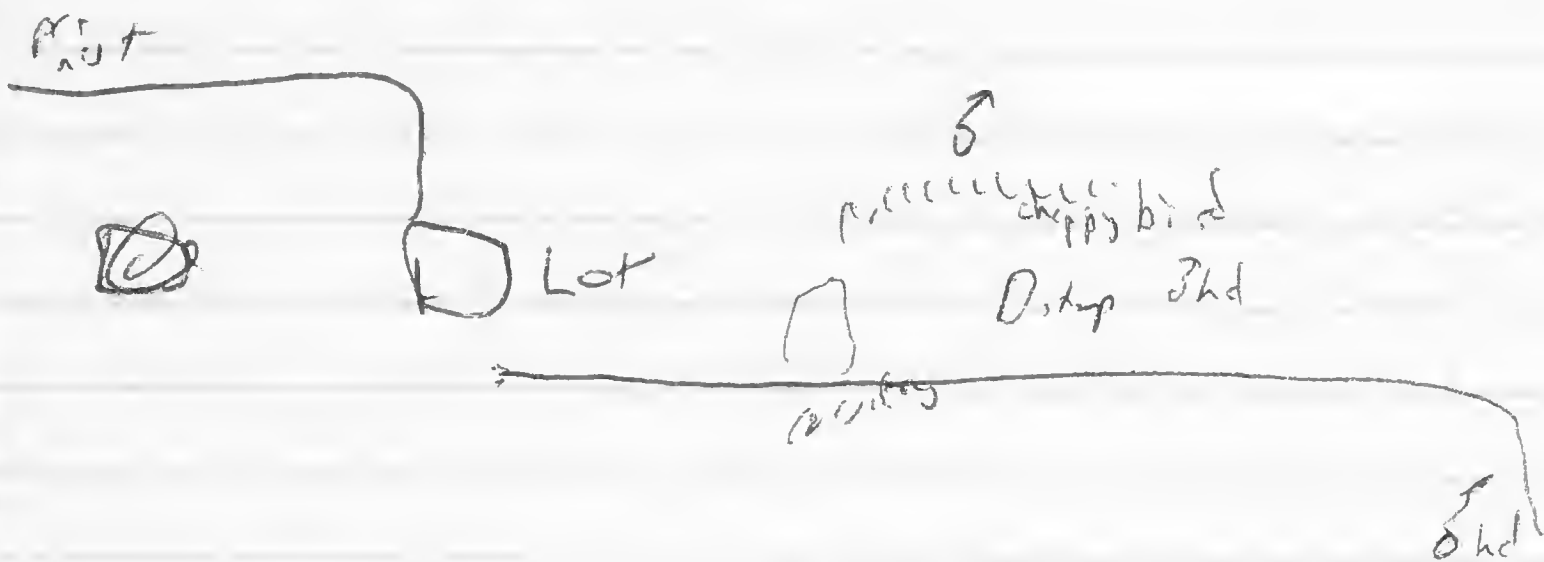
lots at BBW today

checked out slope below Horse trail -
heard stereotyped chatter at Blue Bird
Display - at far end (where I saw
Z hyl pr on May 14) - ♀ came
up chirping followed by ♂ - very
loud + persistent - so I checked -
within 5 minutes ♀ got on
nest - under a small log

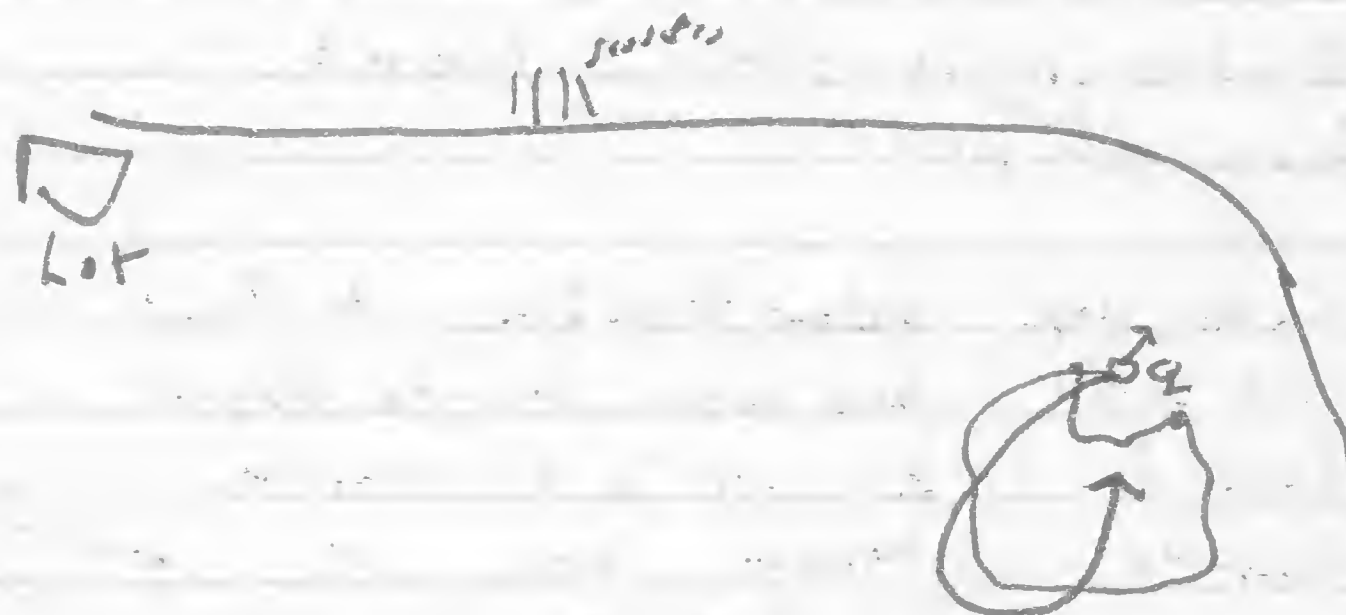
3 warbler + 2 (owl-bird) eggs
found included 6 gl x 1, pre needlest ✓
branch probe x 2, leaf curl ~~shy~~ x 1
Dead leaf poke (small) x 1 - 101

I went along slope below Blue trail -
I saw a group under Laurel that
had a few territories - inconstant nest? -
its along shot + it had male
sing pretty in area.

I had 2nd ♂ sing + nearby another
bird chirped loudly - I saw it
near ground in shrub hang on clear
leaf - it continued to chirp
but moved away - bird on
far slope was heard singing



May 21 930 - 4/30 sunny calm hskc 70-80's
3a



♂ a singing - dropped 1st to ground to

feed - 16gls - blueberries etc

x 5 - 6.4 lbs x 5 hskc

+ 3.1ly for 16.0 x 3

♂ b - saw pr on this slope for 1hr

♂ singing - ♀ came in + ♂ following

♂ q (occasional flight, + one drop)

♀ usually, low to ground droppings x 10+

covered by grass - no evidence of

hskc or anything else

♂ lateral (Albany) x 10 (min's hskc) ✓

♂ L form x 5 slow (not Ⓡ)

♂ long slow x 5

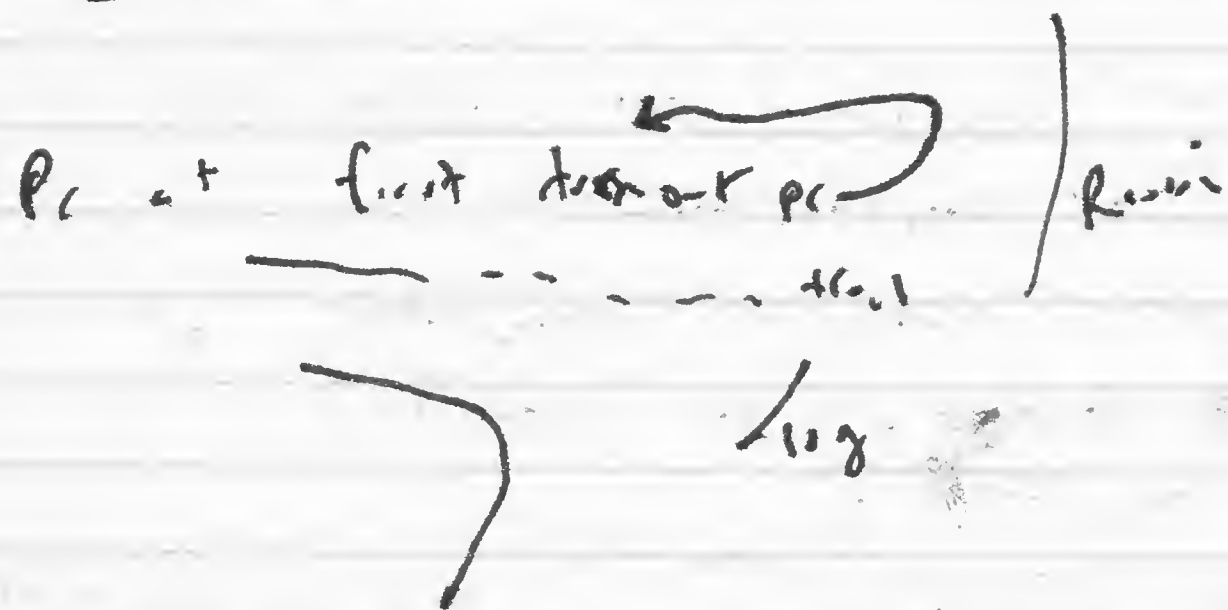
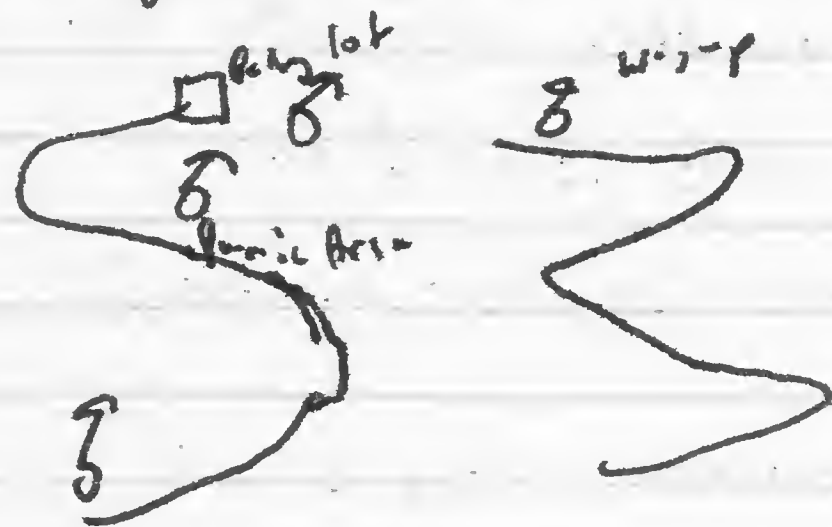
♀ drink on ground slow x 3

♂ hskc 1st clut x 5 (got 2 b's on 1st) →

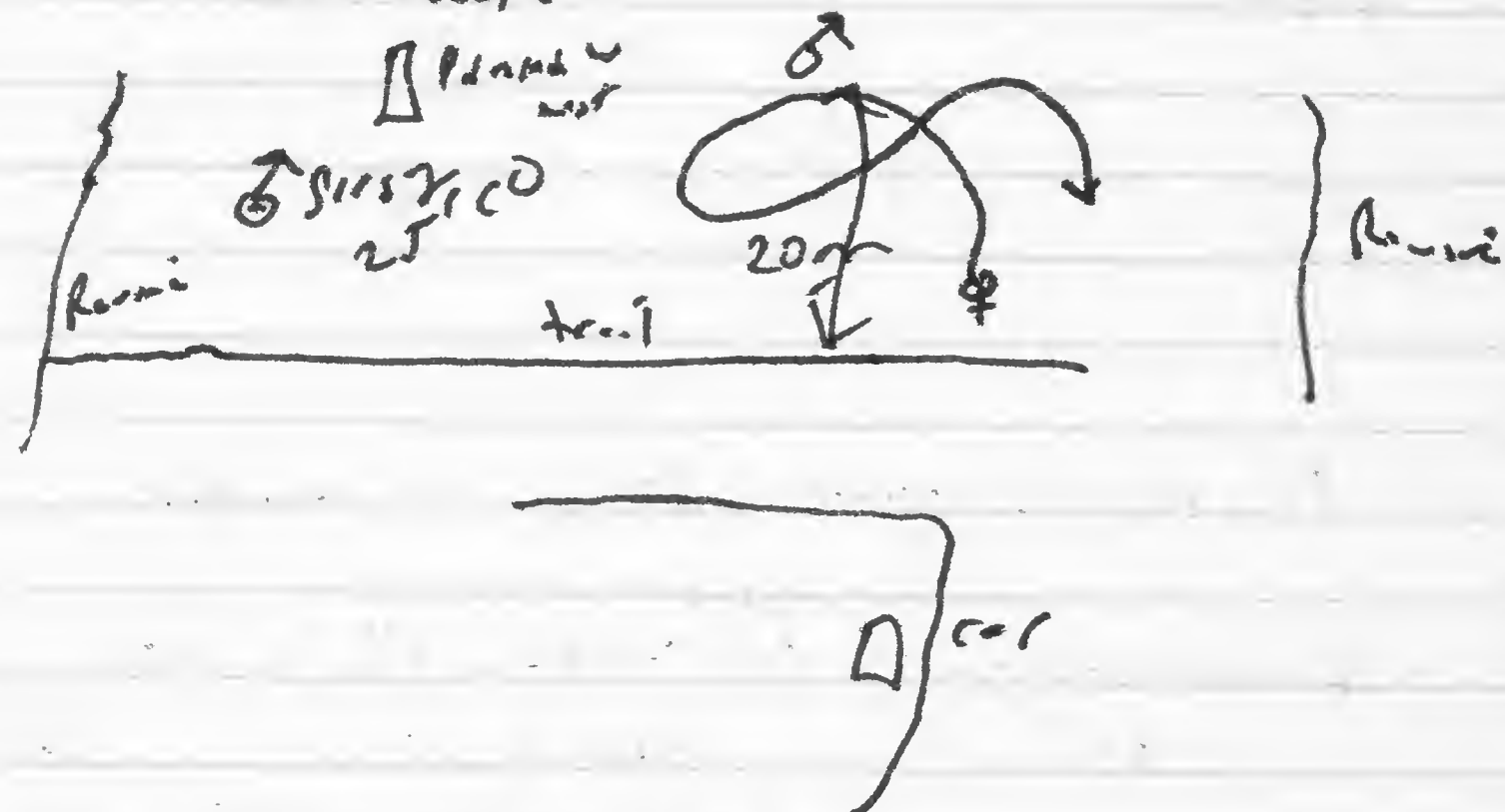
Oak cluster in Oak (20') ^{hang} glen ⑥
 Blueberry leafy glen x 1. hang x 1
 bunch glen probe x 1

checked slope below Horse Trail + found
 no birds - but nest located May 20
 had 5 WEL not 3 + 2 (sub. id.)
 Went to 1st turnout area & grabbed
 saw pr (♂?) 15' blueberry ^{grabbed} ^{1st trail} x 2
 ♀ near ground ⑦

♂ was 16' away (glen x 15 hang x 5) - ⑧
 On way down saw 7 kb several ♂
 singing in new areas.



May 22 8:00-
 First turnout!

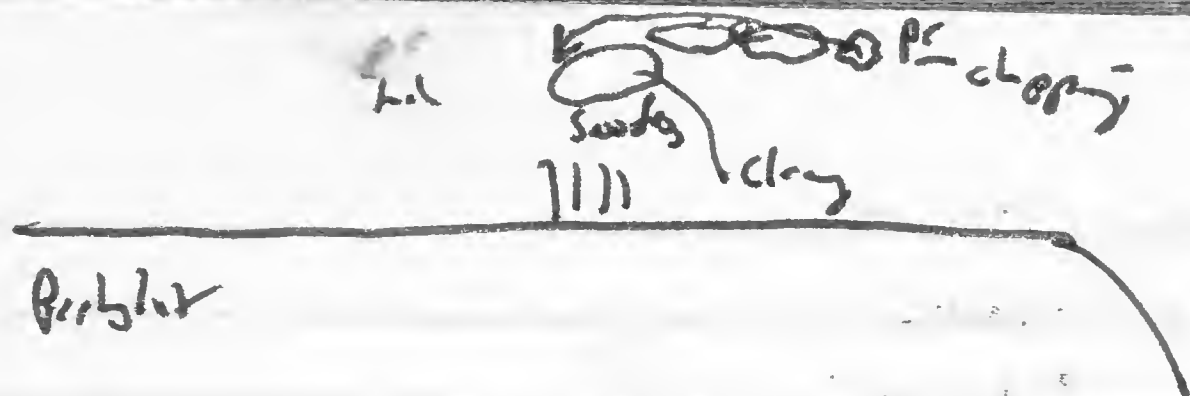


watched for 40 minutes

♀ was on or near ground + nearby
 Dead Oak leaf Eoray
 (DL glen x 25, DL 1st, x 10) ✓
 success at 1 lot (multiple)

hang at 1st lot x 2 (got puller culture)
 1st glen (10) - 1b glen blueberry x 5 ✓
 1b on ground to pick at several
 feed leaves.

♂ was 15' in S. 1st lot
 followed ♀ briefly



♂

Pr seen in context for 40 minutes

♀ near ground - ^{pod} oak-rotator gl x 20
0-1' hang x 5
blackberry 16 gl x 5 (✓)

♂ 15' C.O. 16 gl x 5
15' lateral h. x 2 (+) (✓)

♂ song - short song (✓)

♂ H11 10 lateral h. x 10 (8++)
10 lateral gl x 5
Blackberry lateral h. x probe x 2
(++)

♂ singing - inside h.
♀ once
y redback
lateral

May 24 9:00-400

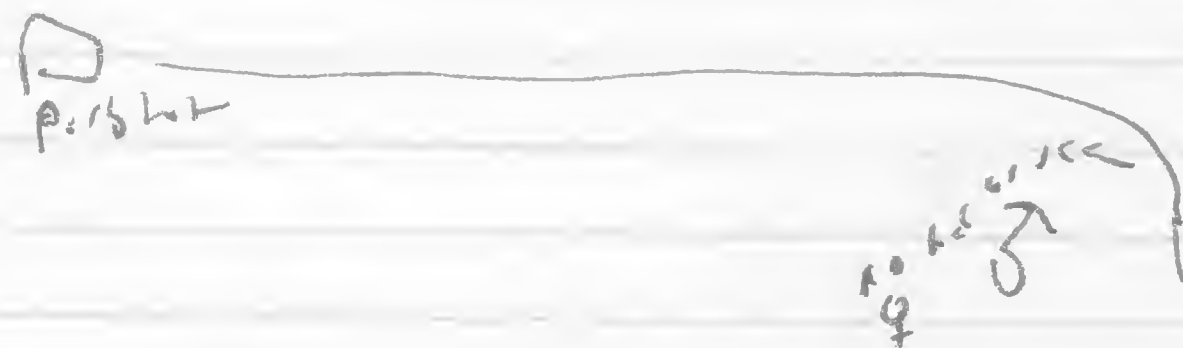
I checked lower slope for 3h,
chipping



Pr-choppy ✓

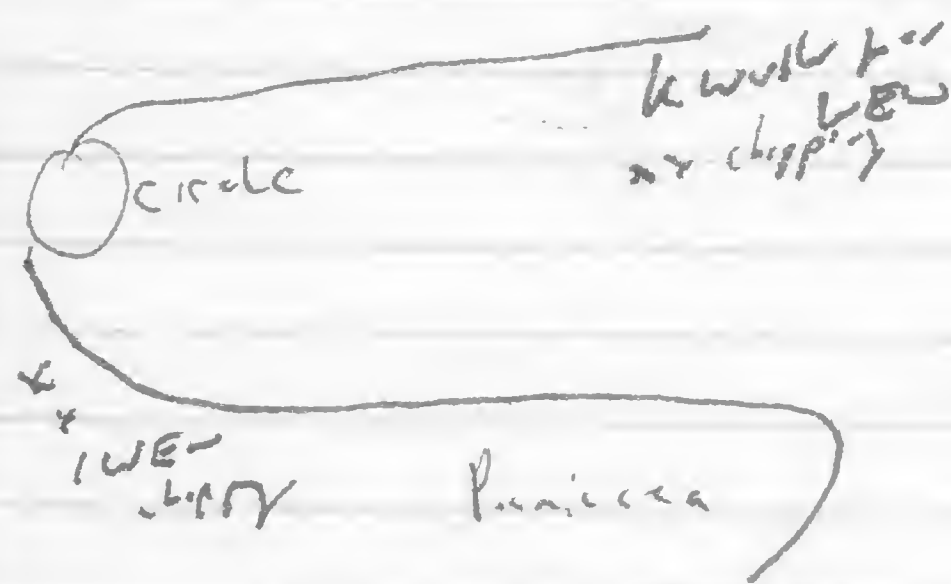
♀ probe flower br. to of Arzelle x 5
lateral hang x 3 + ✓

I checked slope; - saw ♂ 16 gl x 5
hang + lateral x 10
20' ✓



checked slope below picnic ground
a bit some chipping

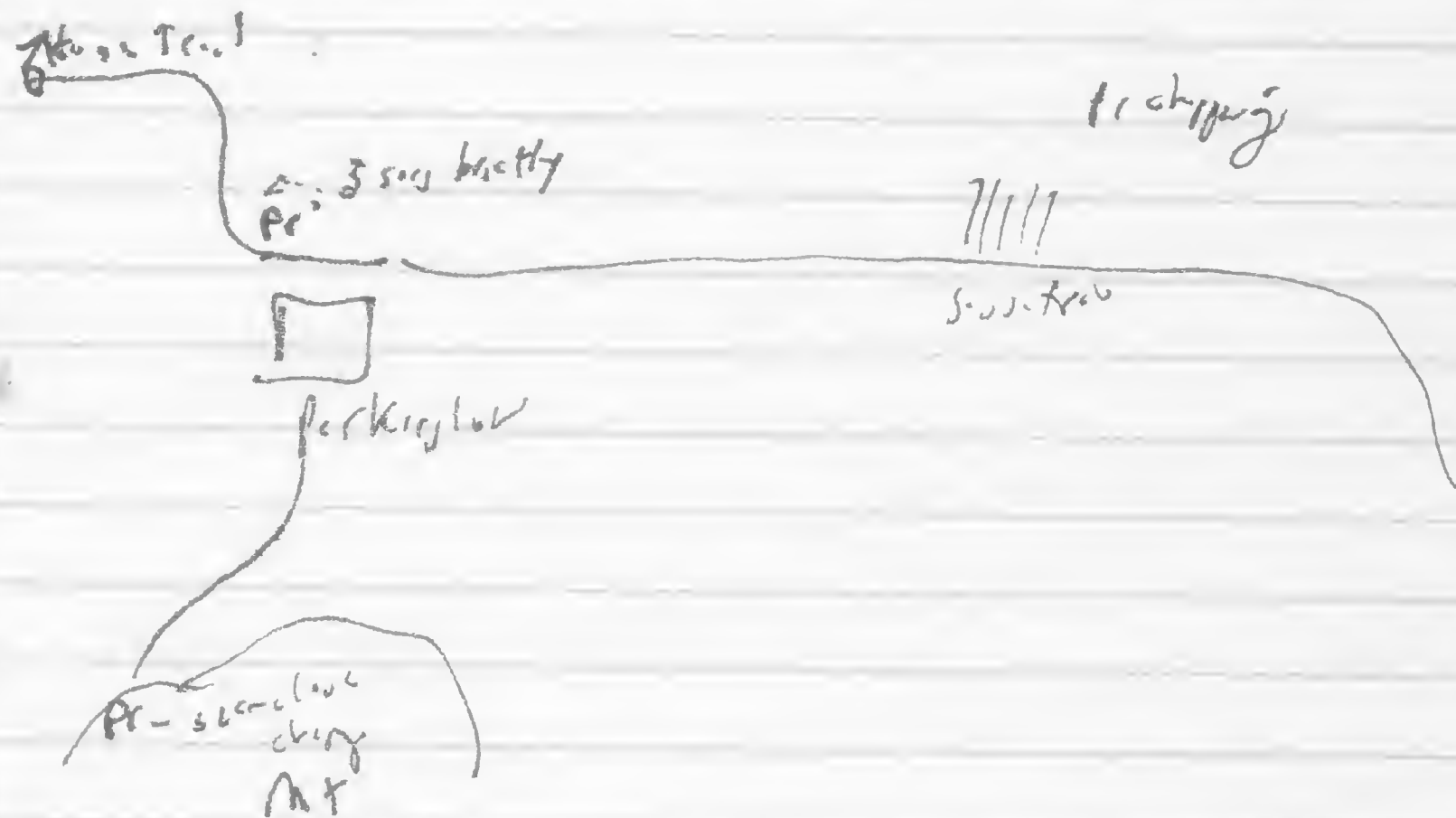
also chipping near parking circle



May 25 700 -

Pr. had chipping 3 song briefly

Pr 2. Q? Deconstruct probe x 4 t'
 have short lat heavy x 3 ++ ✓
 probe + gap c order bird at oak branch



I checked lower slope below
 parking lot + found 3 singing -
 + Q on next work T egg still

26 May

With Liene + Friend
Sunny warm - windy

1. δ
w/gleen 20'
DL peak (5'0"ch) ✓
py over live leaf
live leaf stem (2 1/2" catwalk)
leaf curl probe

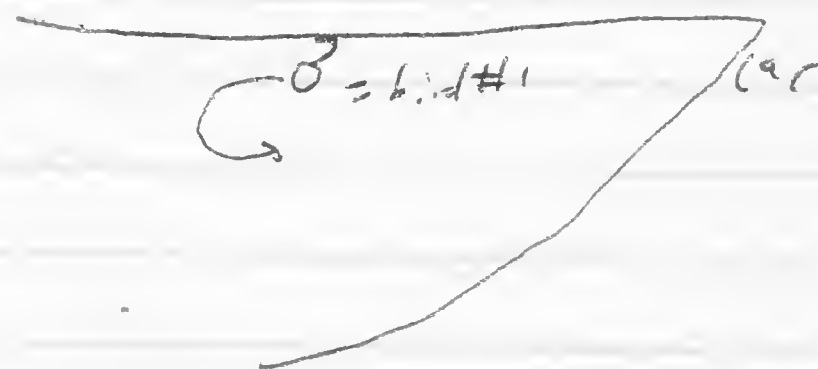
2. δ ?
probe Arden flower branch 10' ✓
leaf curl probe

3 Black cherry lat gleen + 2 15' ✓
w/gleen
dead leaf (1" probe)

4 δ long lateral (+) 16gl 20' ✓
dark gleen on trunk by branch

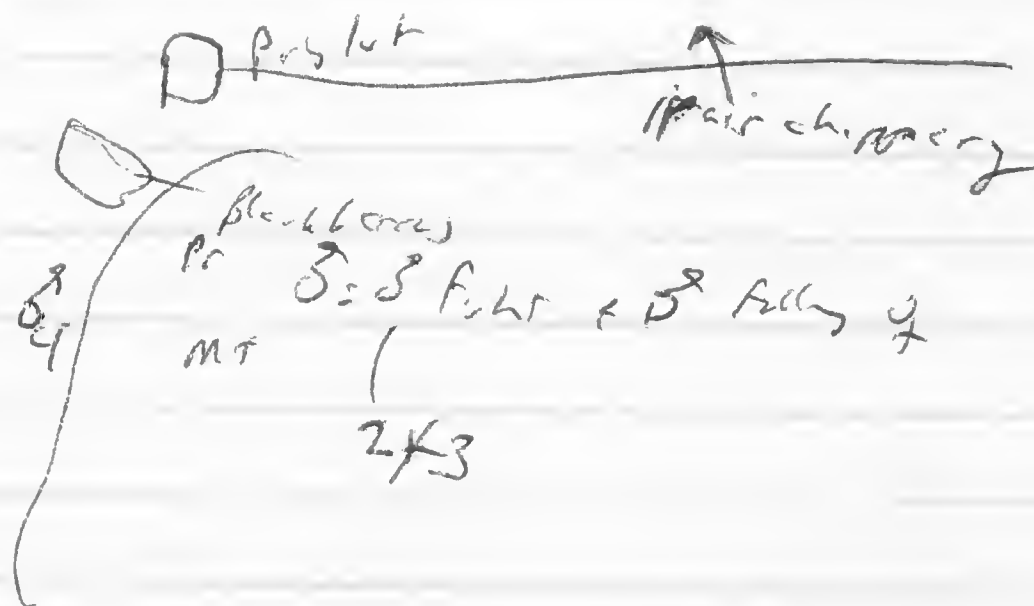
5 Q Phyl x 8 16 hery x 1 bark probe x 1 0-2 ✓
6 δ (folley δ) around 16gl x 3 ✓
16 hery x 1 ✓

check lower slope in morning



upper slope in Afternoon

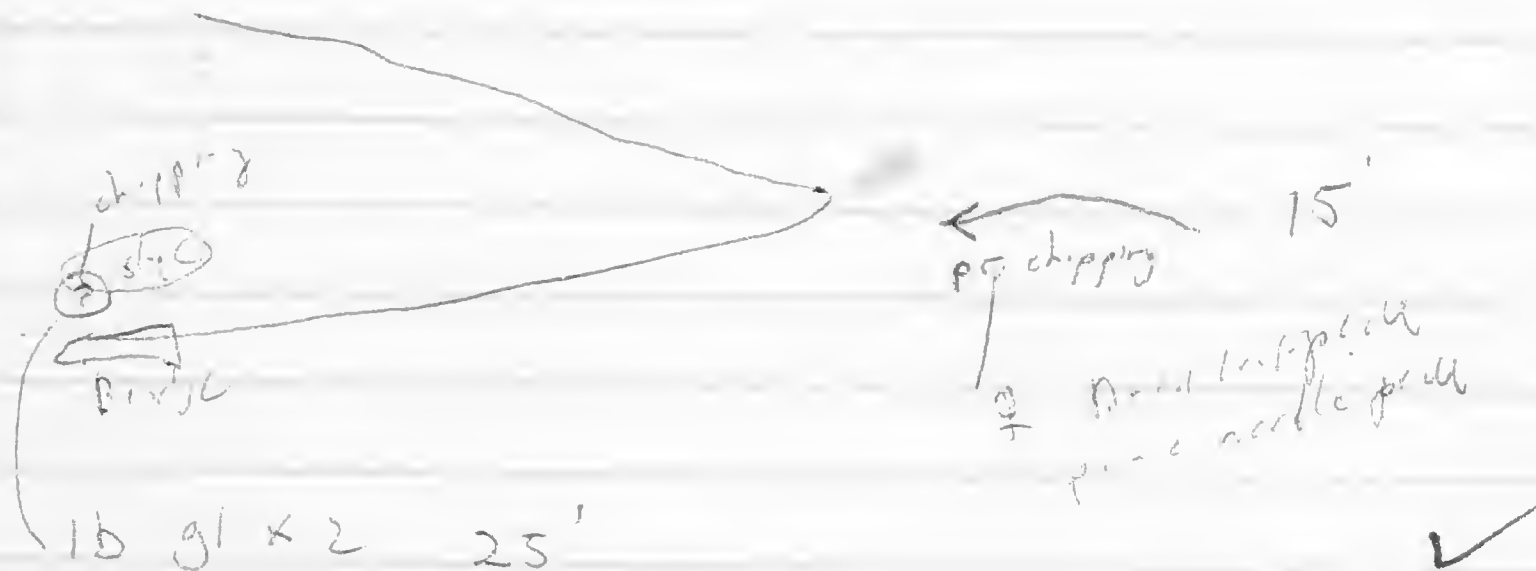
Pr - δ guarding δ
J + 6



with line

27 May Overcast early
morning drizzle - 70s

745-900 - lower slope

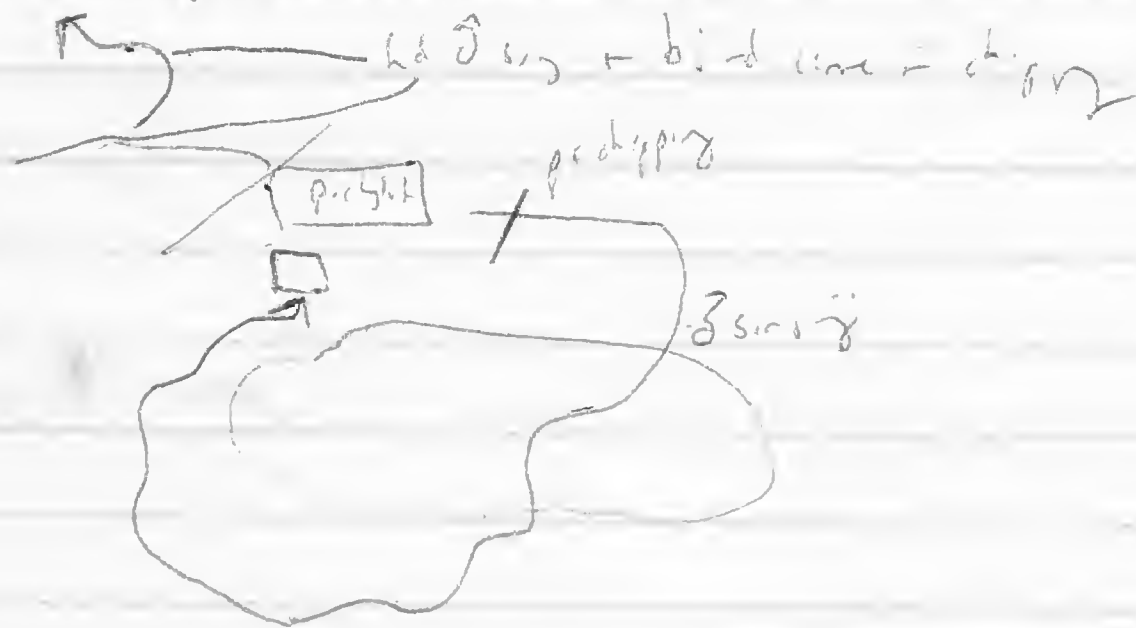


1b gl x 2 25'

Apple

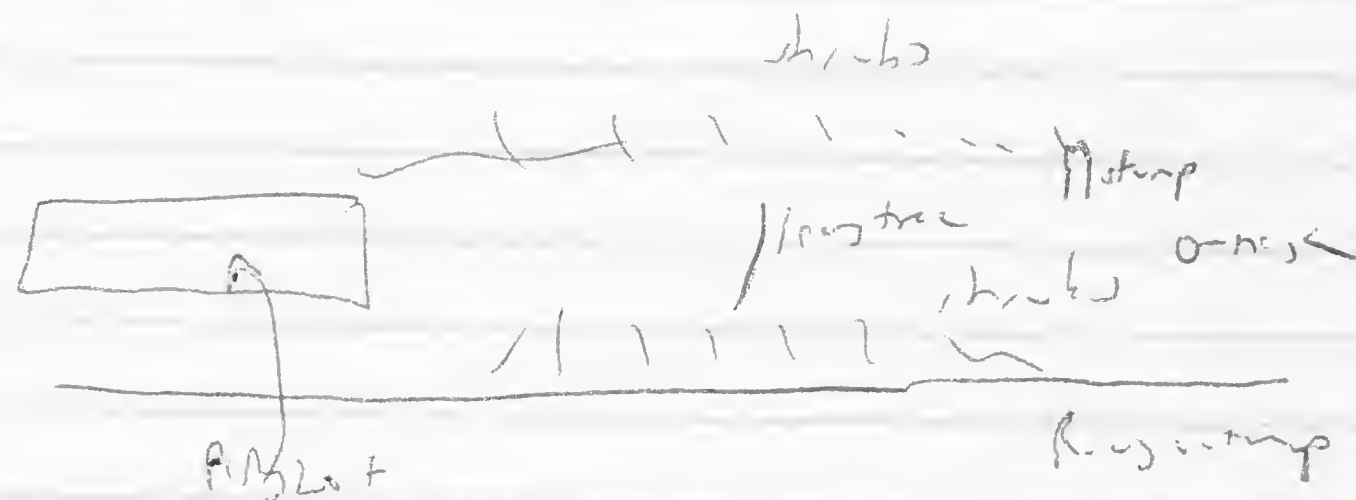
got legs with which it briefly
held in feet - but mainly it
held in bill

I checked top of Mountain



Line found nearly completed

nest below blue trail



pair was in area (I let it sing)

to another bird chipping

29 May (28 w holiday) 1200-500

Nest with 5 eggs below Horse Trail
still has 5 eggs

I checked territory below Blue Trail
I saw ~~for~~ bird flock up from ground -
but didn't find nest.
had 8 sing once

in dense thicket near blurring

at white trail I had 1000 chipping

checked slope above parking lot &

put some out - 3 lb gl 10' in oak & 3 ✓
got moth

30 May 1230-500

checked lowest slope near stone
bridge & home flushed we off
nest with 2 incubated eggs - nest
was on slope with under semi-wool-like
blueberry plant

We checked Horse trail slope &
found nothing

I checked slope below Penn.
area & above circle &
had chipping at Hemlock near
circle - above that 8 was
singing alternate song - chip chip chip
sweet-sweet-sweet - then chip
chip - while flying in Oak (1 bud x 2) ✓
laurel (Oak cluster pear -) 4 Oak -
lb gl & lb lg - 4"

30 may

Live insect (arrow)

w-ly
pc

Sketch

1cm

1 3mm pill bug

1 ♂

2 -U

2 ♂

3 3mm lat leg

3 ♂

4 2mm lat leg

4 ♂

5 U

5 ♂

6 ♂

6 ♂

7 1mm J. - small

7 ♂

8 ♂

8 ♂

9 ♂

9 ♂

10 ♂

10 ♂

11 ♂ 4mm pill bug

11 ♂

12 ♂

12 ♂

13 ♂

13 ♂

14 ♂

14 ♂

15 ♂

15 ♂

16 ♂

16 ♂

17 ♂

17 ♂

18 ♂

18 ♂

19 ♂

19 ♂

20 ♂

20 ♂

21 ♂

21 ♂

22 ♂

22 ♂

23 ♂

23 ♂

24 ♂

24 ♂

25 ♂

25 ♂

26 ♂

26 ♂

27 ♂ fixed with photo

28 ♂

29 ♂

30 ♂

22 ♂

23 ♂

24 ♂

30 ♂

1/4

May 29 Dead Leaves

3mm opilionid

7mm weevil

6mm opilionid

- 3mm spider

7mm spider + eggs

3mm opilionid

- 4mm spider

1/3

31 May

checked lower slope by turn-out
a. Lower food nest with 2 adults
+ 2 small bird eggs.

checked nest across from back -
still to C. Brown & empty
nest near upper platform is
still empty

June 1 1130-530

Worked low slope below
White trail - had nothing!

June 3 1230-530

I checked nests at 430
with Judy - found nest with
cuckoo-birds had 1 cold CB egg.

2nd nest had 2 (1 1/2 - 2) dy old birds
& 2 cuckoo-bird babies, which I offered.

Empty nest had 1 cuckoo-bird egg in it.

Empty nest was collected later by Linn.

In Afternoon I worked slope
below White Trail (had searchers
at far end)

Per slope above White trail (♂ sing
briefly but ♀ ? chirp)

♂ & ♀ at singing on White
trail.

Linn saw excited ♀ near
H. g. woodpecker nest below
White trail.

(11/11/54)

4 June insect count		Level	Flies	50	50
1	50	50		50	50
2	50 3mm spider	50			
3	50 4mm spider	50			
4	50	50			
5	50	50			
6	50	50			
7	50	50			
8	50	50			
9	50 3mm spider	50			
10	50	50			
11	50	50			
12	50	50			
13	50	50			
14	50 3mm spider	50			
15	50	50			
16	50 3mm spider	50			
17	50	50			
18	50 3mm spider	50			
19	50	50			
20	50				
21	50				
22	50				
23	50				
24	50				
25	50				
26	50 3mm spider				

6 June - Sunday 1130
 check slope near house where
 Linn. head chipping. On bank
 in dense forest by road
 found nest 2 cups 1 in nest 1 egg
 1 egg 1 cup 1 in nest 1 egg
 1 egg 1 cup 1 in nest 1 egg
 1 egg 1 cup 1 in nest 1 egg
 29 30'

I then checked slope above
 blackberry thicket & partly at
 O song - I went below partly lot
 in dense forest & saw nothing -
 I found a thorny vine covered
 nest of lot of Blue & Black Tail
 under the big shrub.

Below partly lot - slope 1
 found a bird (2nd) partly lot 5 10'
 in forest (10 20, 10 20) ✓
 got a picture of it on ground.

6 June 1920 1000 1320

check
 1 10 1 50
 2 50 0 1 50
 3 50 1 50
 4 100 1 50
 5 100 1 50
 6 100 1 50
 7 50 1 50
 8 10 1 50
 9 50 1 50
 10 50 1 50
 11 50 1 50
 12 50 1 50
 13 50 1 50
 14 50 1 50
 15 50 1 50
 16 50 1 50
 17 50 1 50
 18 50 1 50
 19 50 1 50
 20 50 1 50
 21 50 1 50
 22 50 1 50
 23 50 1 50
 24 50 1 50
 25 50 1 50
 26 50 1 50
 27 50 1 50
 28 50 1 50
 29 50 1 50
 30 50 1 50

8 June work notes

- | | |
|-----------------------------|------|
| 1 @ | 1 @ |
| 2 @ | 2 @ |
| 3 @ | 3 @ |
| 4 @ (near camp bed p) | 4 @ |
| 5 @ | 5 @ |
| 6 @ | 6 @ |
| 7 @ | 7 @ |
| 8 @ | 8 @ |
| 9 @ (near gate some north) | 9 @ |
| 10 @ | 10 @ |
| 11 @ | 11 @ |
| 12 @ (near gate some north) | 12 @ |
| 13 @ | 13 @ |
| 14 @ (near gate some north) | 14 @ |
| 15 @ (near gate some north) | 15 @ |
| 16 @ | 16 @ |
| 17 @ | 17 @ |
| 18 @ (near gate some north) | 18 @ |
| 19 @ | 19 @ |
| 20 @ | 20 @ |
| 21 @ | 21 @ |
| 22 @ | 22 @ |
| 23 @ | 23 @ |
| 24 @ | 24 @ |
| 25 @ | 25 @ |
| 26 @ | 26 @ |
| 27 @ | 27 @ |
| 28 @ | 28 @ |
| 29 @ | 29 @ |
| 30 @ | 30 @ |

29 @
30 @

8 June - Sunny Hot - checked slope below parking lot + found lot - missed nest - no eggs around.

I checked slope below these trees + he 2 3 sing - I collected leaves near parking lot + I was very there a well not with (bird + cable) as he been eaten

June 9

730-1300

Mr. ...

W. ... 10-11 ...

back ...

ca ...

ca ...

Due ...

♂ ...

W. ... - p.c.

q ...

S. ...

digging ...

like ...

... picked up ...

... fragment ...

... place ...

♂ ...

... x ...

...

q ...

... 3

Today was ...

I chick ...

on slope ...

... hole

... I ...

there ...

... just ...

I checked ...

on slope ...

... old ...

on that ...

... of ...

...

June 7 Dead bird insects
1 cm elaterid
1 cm spid
 $\frac{1}{1}$

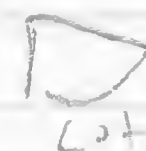
June 10 9 Dead bird insects
1 cm elaterid
4 mm spider
1 cm spider
4 mm spider
3 mm spider
3 mm homop
 $\frac{1}{4}$

June 5
1.2 cm 1 yr old
 $\frac{1}{1}$

June 9 (cont'd)

For other birds see previous
page

3 spid



+ 1 spider

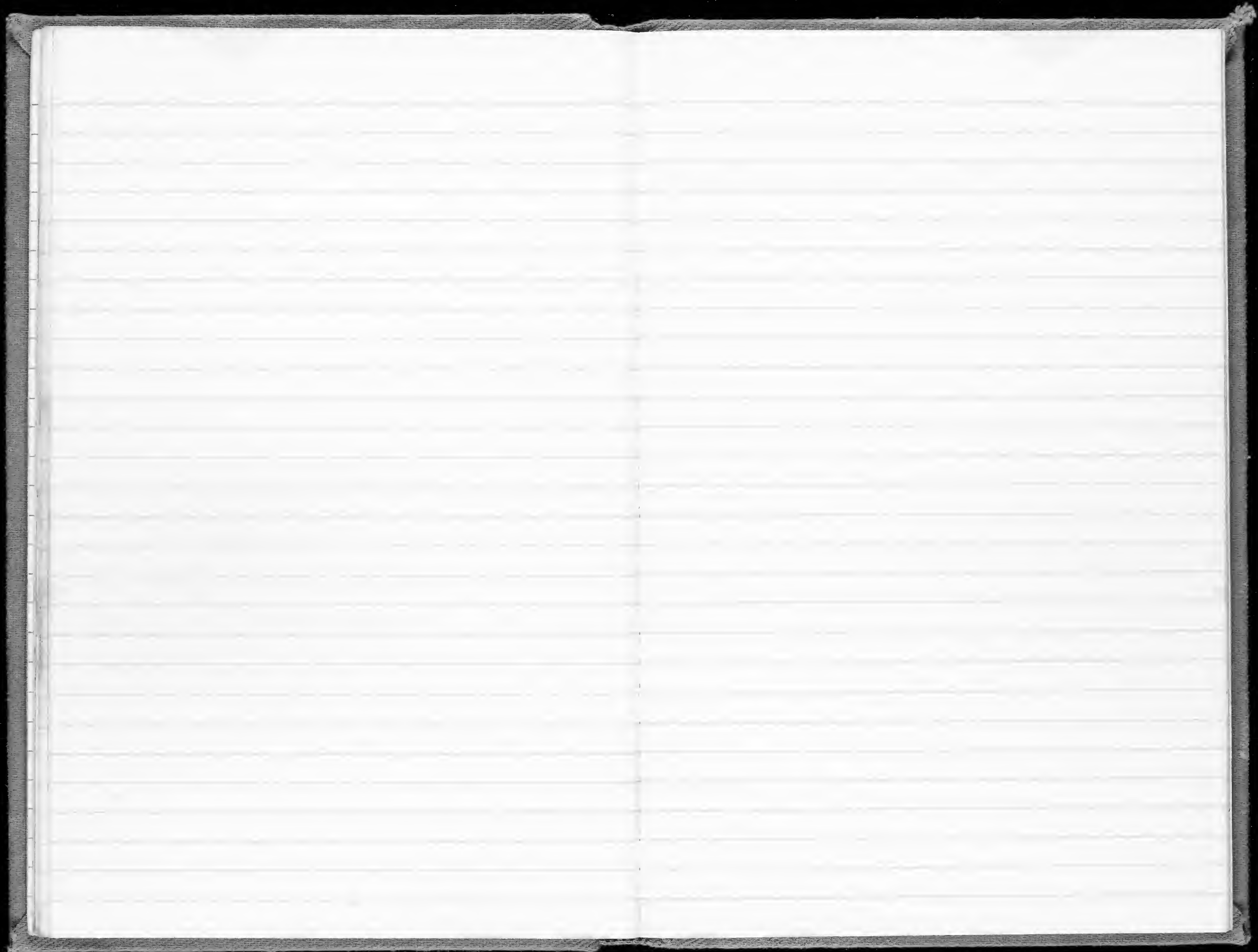
26 AB

11.8

7 June (out at water) 1130-4000

checked lower slopes - had
little information. The checked
slope below white trail -
3 was song in sections -
Saw him feed the female 11:45 ✓

No babies yet!



1082-1135

I went down, back at Mt. from
LH to spot 104 & found a
nest with 3 chicks, 2 under egg &
on egg. I returned with
mud-balls & the ♀ was on the
nest. Nest was not lined & "open".

I was finally able to take a
walk. I followed road at
the same depth as before but went
down slope.

June 12 1030-1200

Went with home to Pin to
an area where he found lots
of chipping - got that but
in area where Blue tail
died along stream. 2 bl
chipping were seen. Green sp. 1 bl
young fledgling in the water
which was right.

Linn & Pin went to the
flat near area where Blue tail
pied. Got with a fall &
found nest with 2 just fledgling
babies - one ^{with} egg & a incubated egg.
So I got 3 1 day old fledgling today.
Nest was under Oak sapling.

June 13 - stayed in

June 14 1920-1930

checked nest on slope
above eggs found 1 bird
checked 2 eggs - 3 with
eggs

Put more in the nest
checked slope below pit - note
then checked slope at end of
nest - find -

Strongly to find something
find lowest white ♂ bird
in hole. Checked ~~10~~ pit
last hole of slope - 1st pit. set found
nest on slope - 1st pit
found nest with four
found at lower of the
great situation

nest on slope - 1st pit
found nest with four
found at lower of the
great situation

June 15 1920-1930

checked slope below to the
nest - 3 were checked - 1 song
but no more than that - 5 or 6
birds with old fledglings - 3 per 1

let down nest on slope - 20'
checked slope above nest -
1 song sparrow with old fledgling

I went to area at bottom
when Muddy I observed nest
holding 1 found nest with 3 eggs
under ~~10~~ 10' from trail

I checked above nest slope
above nest - 1 found 1 egg
I probably found a nest
about 10' above with 1 egg
below the 1st nest with 1 egg
I found nest below

2 nests on Bird Dy
at bottom

1 song sparrow - nest with
fully set

June 16 - with Torre, Linn &

Don

cloudy & breezy

I checked 3 extent nests

1) at base of slope facing main road
under laurel - 3 warbler eggs

1 (cuckoo) egg

1 2 day old cuckoo

→ Linn found 2 new (4 day old fledglings, Linn
"no cuckoo")

2) in grassy slope - 3 eggs

3) under log by Horse Trail -
1 egg

I put mothballs by all 3 nests

I walked slope below party lot -

halfway down slope I saw pr
in laurel (♂ 14.1 x 5, flower pink x 5 ✓
♀ " " ") ✓

Then across blue trail perched
in clippings to clippings of 2 trees

1) - Laurel 14.1 x 5, flower pink x 2 ✓
back feeding (several 1.4 new warblers)

17 - 25 June.

I failed to keep accurate notes on a daily basis during this period.
I spent 3 hrs/day on 18, 19, 21, 22 & 24.

During this period the nest with 3 cowbirds & 3 warbler eggs failed to hatch more than the ~~2~~ cowbird.
I looked at the eggs on the 22nd and found them without any sign of development or fertilization.

The 1st nest along Horse trail was observed on the 18 or 19th & I checked ^{the} nest on the 22 & found it to also be undeveloped so that 7/17 eggs found this year were known to be infertile.

I saw the following bird behavior

Slope near Pine creek ♂ - oak 15' 16, 5

pr on slope at base of red trail - several days after nest built, observed I saw pr together - low in underbrush - they stayed near me for 5-10 minutes - ♂ 16' 17' in brush x 17 ✓
branch x 3 ✓

both 1-3' off ground
y that is 10' x 20. ✓
12

I watched pair on lowest slope along rd - also close to ground ♂ 15' 16' oak ✓

then
♂ & ♀ 16' 17' oak 18' 19' ✓
x 20

I checked slope below Blue trail

on two days - had several

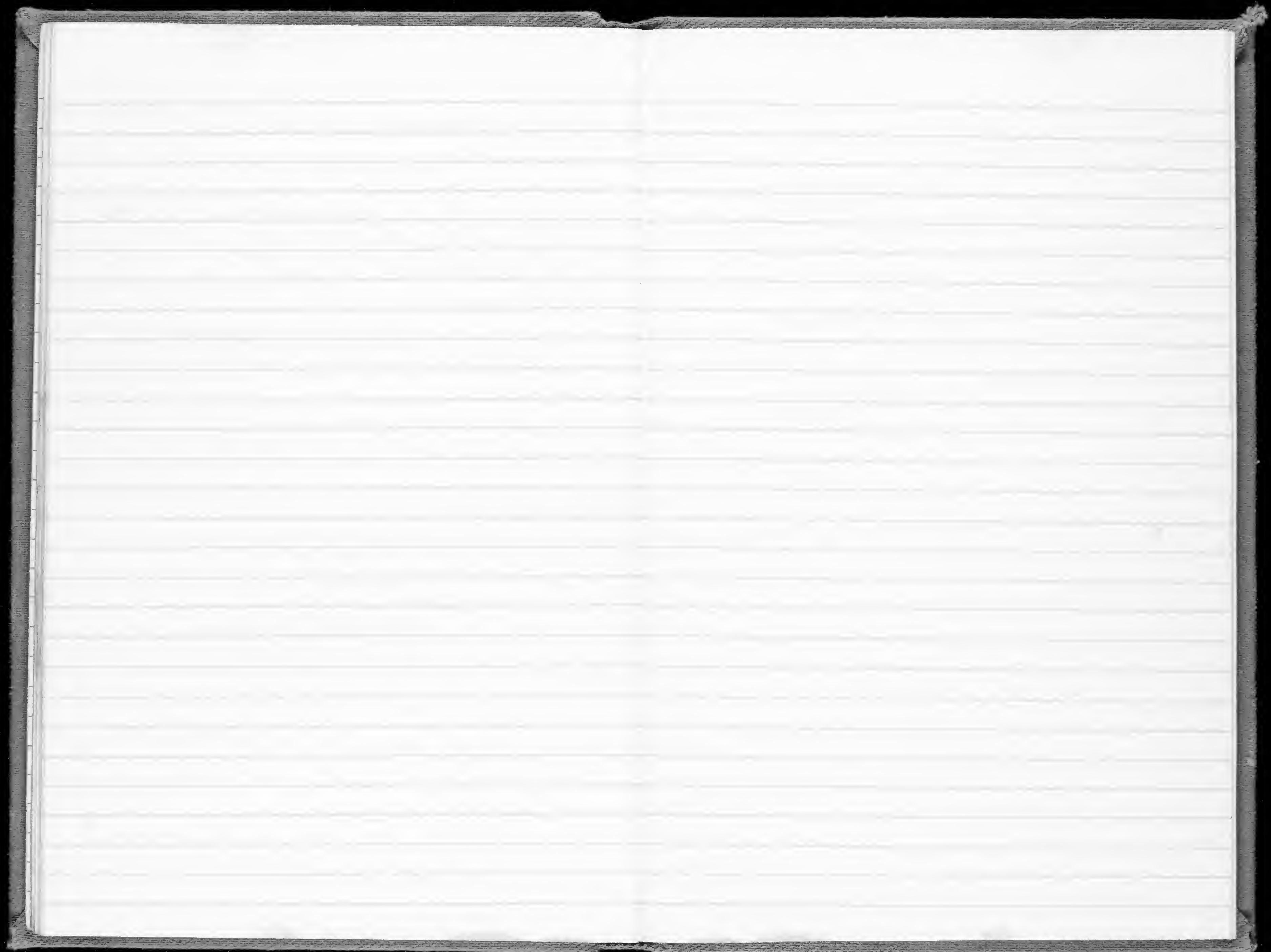
3♂ singing a lot.

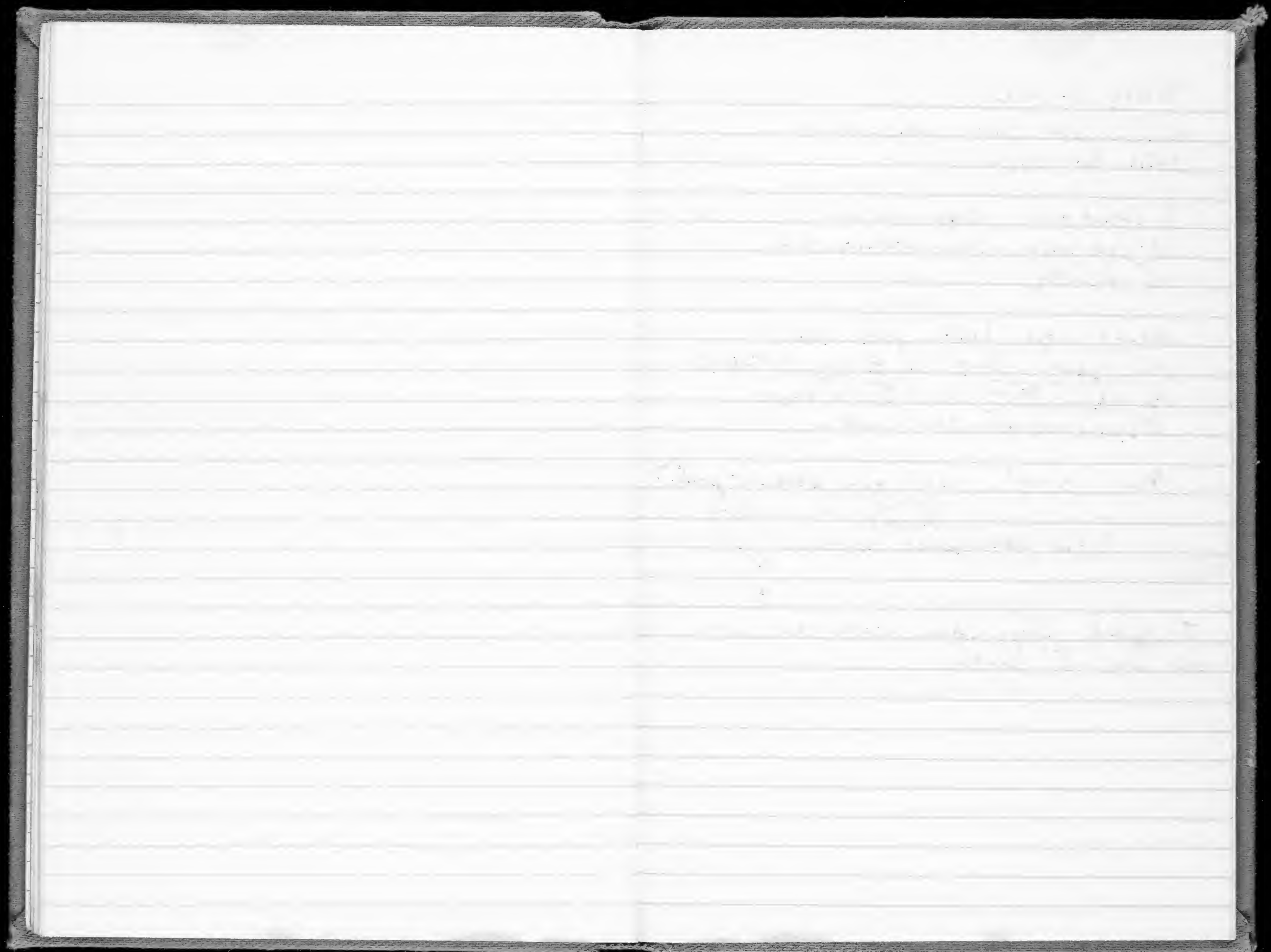
little chipping except in one sec.

On an above slope I

found an abandoned nest with

blueberry.





Friday 26 June

checked nest below white trail -
still two eggs.

I looked over slope at base
of red trail - saw nothing but
♂ briefly.

checked slope below pug lot
saw pair king - flycatcher (2-8-10)
dull old L E U - bright down
fly, insect of some sort -

low - 0-5' high yellow deer (not prob 3)
G/L (not
brown) (10)

16st in ~~Azotex~~ x 5. ✓
✓

I checked slope above circle &
saw red ♂ briefly

Thursday
June 28

1930-130

checked nest in S-s-s-fra stand
below white trail - 2 10 or so day
old nestlings & a new bird nestling -
apparently the tiger warbler egg was
really a cowbird egg - 7 dead
with the cowbird.

I briefly watched slope at
beginning, at red trail & saw nothing.

At base of white trail 2 ♂
warblers, for a long period
1 saw 1 ♂ flying 0-10' up

✓ Oak - 16st x 20
brant x 2

One later check x 5 (high v. 1) no success.

I worked over area behind pug lot
with no success.

I made 2 deer leaf collections

7/2/84

live (ectomys)
upper parking lot

Shrub	lateral
1 00	1 50
2 00	2 00
3 00 aphids <u>3mm sp. 1b</u>	3 00
4 00	4 00 3mm sp. 1b
5 00	5 00
6 00	6 00
7 00 <u>3mm sp. 1b</u>	7 00 2mm sp. 1b
8 00	8 00 2mm black beetle
9 00	9 00
10 00 1cm black beetle	10 50 1cm brown homoptera
11 00 1cm brown sp. 1b	11 50
12 00 <u>4mm homoptera</u>	12 50
13 00 1cm brown sp. 1b	13 00
14 00 <u>2cm black beetle</u>	14 50
15 00 <u>3mm sp. 1b</u>	15 50
16 00	16 50 1cm beetle (hr)
17 00	17 50
18 00	18 50
19 50 <u>2 x 3mm sp. 1b</u>	19 50
20 00 <u>3mm sp. 1b</u>	20 00
21 1cm sp. 1b	21 00
22 00 <u>3mm homoptera</u>	22 00
23 00	23 00

24 do - aphids

25 00

26 00

27 00

28 00 3 x 3mm large

29 00 7mm sp. 1b

30 00

31 00

32 00

33 00

34 00

35 00

36 00

37 00

38 00

39 00

40 00

41 00

42 00

43 00

44 00

45 00

23

24

25

26

27

28

29

30

31

32

July Dead leaf Sample # 1

collected 7/1

7mm lady beetle

5mm moth

7mm weevil (br)

5mm beetle (br)

2mm weevil

5mm moth

4mm spider

3mm spider

5mm beetle

7mm weevil

7mm weevil

5mm moth

0/5

Sample 2 7/1/8-1

5mm beetle hr
 2mm weev.
 2.1 1
 " 1
 5mm beetle

July 13 1100-

1 20^{hr} (one leaf miner)
 2 20
 3 20
 4 20 3mm beetle
 5 20
 6 20
 7 20 2mm aphid
 8 20 2mm beetle
 9 20
 10 20
 11 20
 12 20 2mm beetle
 13 20 2 & 4mm aphid lt
 14 20
 15 20 1.5cm c. krid lb
 16 20
 17 20 1cm hr honey lb
 18 20
 19 20 1cm hr honey lb
 20 20 7mm spaw lt
 21 20 1cm beetle hr lt
 22 20 4mm beetle lb
 23 20 3cm thick gr plus lb
 24 20 3mm beetle
 25 20 1cm gr. c. dent lb

1 20 1cm honey lb
 2 20 2mm brown
 3 20 poll. lb
 4 20 3mm pill lb
 5 20 1cm spaw
 6 20 1cm tongue
 7 20 beetle lb
 8 20
 9 20 1cm gr. c. krid lb
 10 20 3cm skin lb
 11 20 1cm pill lb
 12 20 1cm pill lb large
 13 20
 14 20
 15 20
 16 20
 17 20
 18 20
 19 20
 20 20

- 26 len he beet lb - Transverse cut
 27 Transverse cut 1.2 cm green cut 13
 28 len he honey lb
 29 6mm green pill (thin) lb
 30 Transverse cut, len green cut lb

- Line left Sample 2 Jul 13
 1 6mm honey 1.2
 2 OV
 3 3mm honey lb OV
 4 50 8mm thin pill OV
 5 OV len green held
 6 8 7mm green pill OV
 7 6mm spear lb OV
 8 50 ecty lucy OV
 9 OV lb OV
 10 3mm cut lb OV
 11 7mm pill lb OV
 12 4mm violet honey OV
 13 1cm thin pill lb OV
 14 OV lb OV
 15 OV 3cm thin green pill lb
 16 7mm pill lb OV
 17 4mm pill lb OV
 18 OV OV
 19 50 1mm beetle lb OV
 20 OV 6mm honey lb OV
 21 10 7mm violet, 2cm pill lb
 22 OV
 23 OV
 24 OV
 25 OV
 26 OV
 27 OV
 28 OV
 29 OV 7mm green pill lb
 30 OV

14 July Dred lower,

1 #

7mm lady beetle

1.5 cm piller

7mm leechwing

7mm lady beetle

8mm water bug

7mm lady beetle

3mm bug

1cm cletoid

4mm beetle

3mm beetle

1cm water bug

7mm water bug

4/4

2

5mm beetle

4mm spider

1.5 cm grub

1.2 cm fire cricket

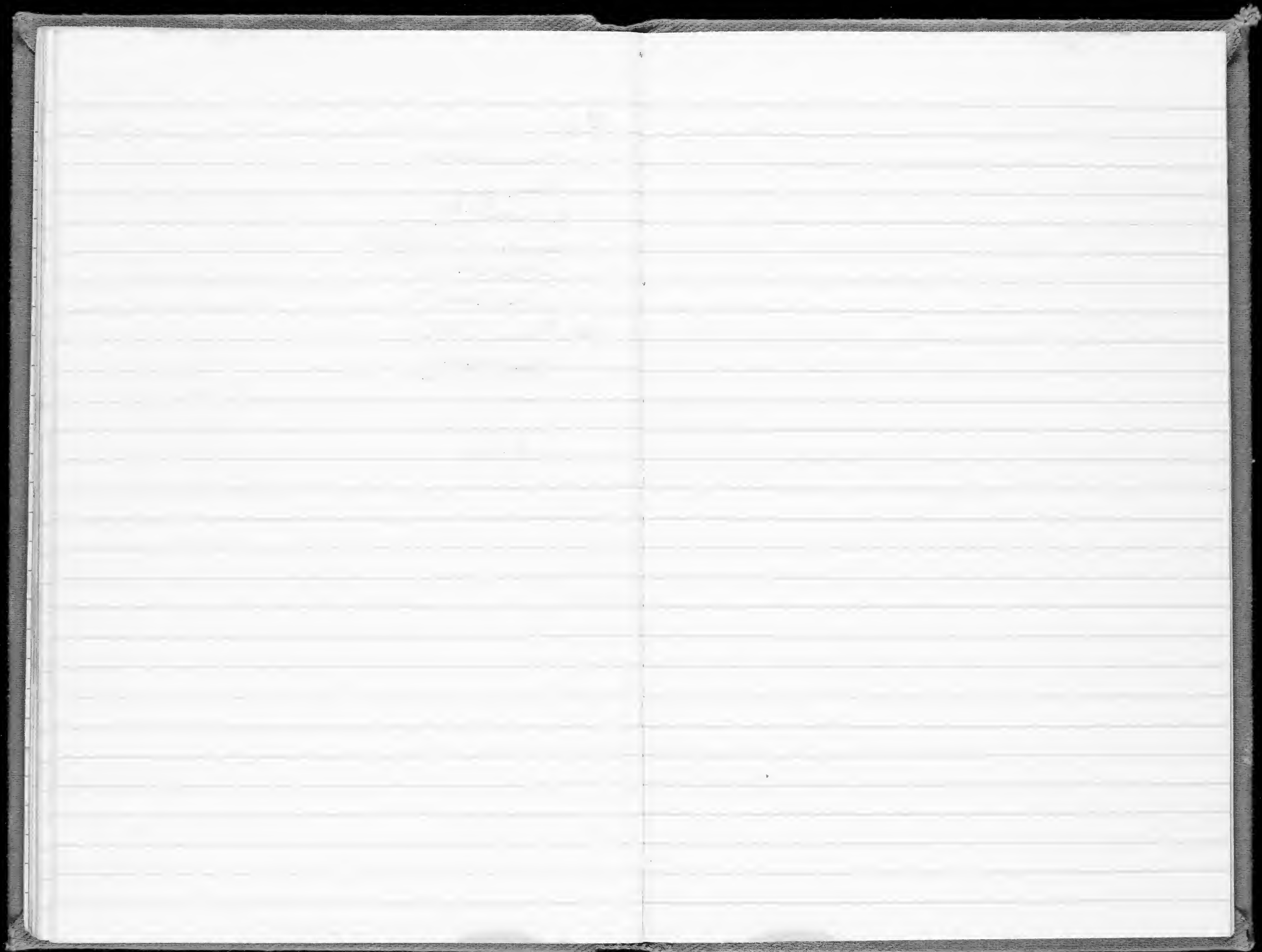
7mm water bug

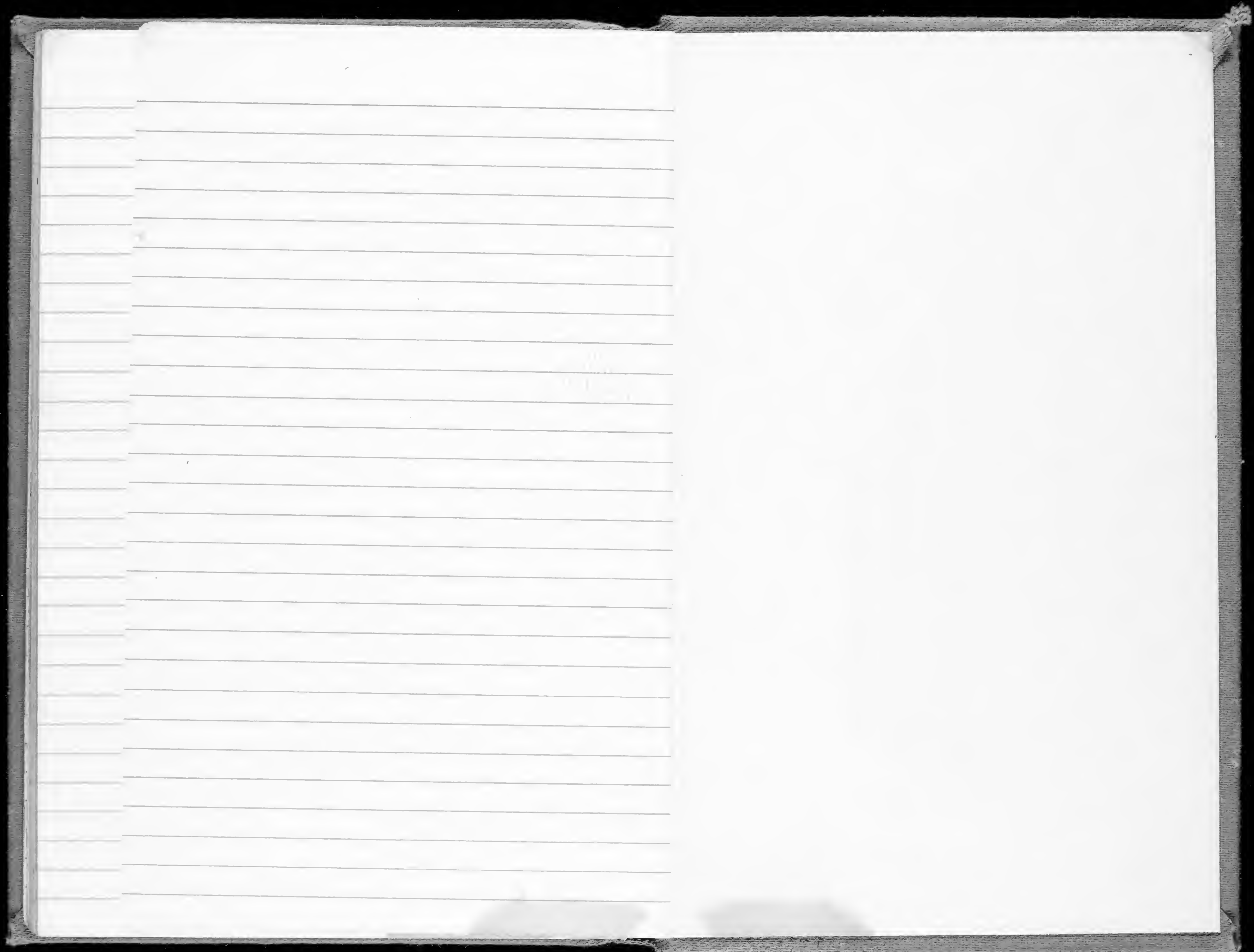
7mm beetle

2cm cletoid

4mm spider

2/4





May Dried Leaves

8, 10

1 10

0 11

1 4

0 3

no .06
5

May Live Leaves

[0 4]

5 13

June 1 23
41

Live

1 4

0 8

0 7

2 11

Dried

1 4

1 1

1 3

1 1

July

8 16

16 18

11 17

— —

0 5

0 0

2 4

4 4

